

SECRET

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CONTRACT INSPECTION REPORT

CONTRACT NO.

TASK NO.

TO:

ENGINEERING SECTION/CB/PD/OL

DATE

31 March 1964

INSPECTION REPORT NO. (If final, so state)

8

ESTIMATED COMPLETION DATE

May 64

NAME OF CONTRACTOR

TYPE OF COMMODITY OR SERVICE

Measurement Technique Study

THE CONTRACTOR IS ON SCHEDULE

☐ YES☐ NO

THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS ☐ YES ☒ NO IF ANSWER IS "NO" ADVISE RECOMMENDATION AND/OR ACTION OF SPONSORING OFFICE, ON REVERSE HEREOF. IF KNOWN, INDICATE MAGNITUDE OF ADDITIONAL FUNDS INVOLVED.

PER CENT OF WORK COMPLETED

70%

HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? ☒ YES ☐ NO (If yes, give details on reverse side.)

Monthly progress report of 12 March received

HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? ☐ YES ☒ NO (If yes, indicate items, quantity, and cost on reverse side.)

OVERALL PERFORMANCE OF CONTRACTOR

1. ☐ OUTSTANDING3. ☐ EXCELLENT5. ☐ ACCEPTABLE7. ☐ UNSATISFACTORY2. ☐ SUPERIOR4. ☒ HIGHLY SATISFACTORY6. ☐ BARELY ADEQUATE

IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.

RECOMMENDED ACTION

☒ CONTINUE AS PROGRAMMED☐ WITHHOLD PAYMENT PENDING SATISFACTORY PERFORMANCE☐ TERMINATE☐ OTHER (Specify)

IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT ATTACH COMMENTS IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:

ITEM	REC'D	DOES NOT APPLY	ITEM	REC'D	DOES NOT APPLY
PROTOTYPES			MANUALS		
DRAWINGS AND SPECIFICATIONS			FINAL REPORT		
PRODUCTION AND/OR OTHER END ITEMS			SPECIAL TOOLING		
			OTHER GOVERNMENT PROPERTY		

DATE OF LAST CONTACT WITH CONTRACTOR

March 1964

Declassification Review by NGA

SIG

DIVISION

P&DS

INSPECTOR'S EXTENSION

SIGNATURE OF APPROVER

SECRET

CONFIDENTIAL

W. J. M.
17 Mar 64

17 March 1964

MEMORANDUM FOR THE RECORD

SUBJECT: Trip Report [redacted] [redacted]

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1. On the 4th of March 1964 the undersigned visited the [redacted] to review the progress of the Linear Phasolver and discuss the proposal which they are preparing as a follow-on to the Phasolver work.

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2. No major problems have been encountered in the Phasolver program, however, they have encountered difficulty in obtaining glass blanks of appropriate flatness. They are now investigating several alternate methods of obtaining the required flatness by less costly techniques. The proposed completion date has been delayed due primarily to manpower availability problems and the slow response on the part of the subcontractors. The next Monthly Progress Report is to reflect a realistic completion and demonstration date.

3. As a potential follow-on to the successful completion of the present contract, [redacted] has been working with [redacted] on a proposal for a comparator with a measuring stage of $9\frac{1}{2}$ " by 40". The design they are proposing is an air bearing engine with a granite base similar to the DSMP. The readout resolution would be $\frac{1}{4}$ micron or better. Still unresolved is whether to use projection viewing or direct optical viewing. [redacted] is acting as their consultant on the viewing problem. At present they plan to submit a preliminary proposal to determine our interest and allow us to review their design concept. They do not necessarily propose to build the measuring engine but would probably prefer to work with someone with experience in this field.

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[redacted]
Development Branch, P&DS

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